

Application No. 09/880,268

Docket No. CTX-068

REMARKS

Claims 1-22 were presented for examination and claims 1-22 are rejected. Thus, claims 1-22 are currently pending in this application, of which claims 1, 13, 20, 21, and 22 are independent. Applicants submit that claims 1-22 are in condition for allowance.

The following comments address all stated grounds of rejection. Applicants respectfully traverse all rejections and urge the Examiner to pass the claims to allowance in view of the remarks set forth below.

CLAIM REJECTIONS UNDER 35 U.S.C. §102**I. Claims 1-7, 9-20 and 22 Rejected Under 35 U.S.C. §102**

Claims 1-7, 9-20 and 22 are rejected under 35 U.S.C. §102(b) as anticipated by U.S. Patent No. 6,604,601 to Dolan et al. ("Dolan"). Claims 1, 13, 20 and 22 are independent claims. Claims 2-7 and 9-12 depend on and incorporate all the patentable subject matter of independent claim 1. Claims 14-19 depend on and incorporate all the patentable subject matter of independent claim 13. Applicants respectfully traverse this rejection and submit that Dolan fails to disclose each and every element recited in claims 1-7, 9-20 and 22

A. Independent Claims 1, 13, 20, and 22 Patentably Distinguished over Dolan

A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference. Independent claim 1 is directed towards a method, and independent claims 13, 20, and 22 are directed towards systems for facilitating the reauthentication of a user using a client computer to a server computer. These independent claims recite receiving confidential information from the client computer,

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establishing a first communication session between the client computer and the server computer, generating a key, and encrypting the confidential information with the key to create encrypted confidential information. These claims further recite storing the encrypted confidential information on the server computer, transmitting the key to the client computer, and deleting the key on the server computer.

Dolan does not disclose encrypting confidential information received from a client with a key, storing the encrypted confidential information on the server computer, transmitting the key to the client computer, and deleting the key on the server computer. Rather, Dolan decrypts a key from a message received from a client using a hash function, generates a digital signature for the message using the key, transmits the digital signature to the client, and deletes the key and the message from the server, instead of storing the message received by the client on the server using the key and then deleting the key (see column 7, lines 1-16, Dolan). Thus, Dolan does not teach nor does Dolan suggest encrypting the message with a key, storing the encrypted message on the server, and deleting the key. Dolan is directed towards providing a digital signature on a per message basis. As such, Dolan deletes the message and the key from the server after providing the digital signature. Since the claimed invention stores the encrypted confidential information on the server, the client can transmit the key to the server instead of re-transmitting the confidential information. In contrast to the claimed invention, the client of Dolan would retransmit the message as the server of Dolan does not store the message. Thus, Dolan fails to disclose each and every feature of the claimed invention.

For at least the above-discussed reasons, Dolan fails to disclose, teach, or suggest each and every feature of independent claims 1, 13, 20, and 22. Claims 2-7 and 9-12 depend on and incorporate all the patentable subject matter of independent claim 1. Claims 14-19 depend on

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and incorporate all the patentable subject matter of independent claim 13. Accordingly, Applicants respectfully request the Examiner to reconsider and withdraw the rejection of claims 1-7, 9-20 and 22 under 35 U.S.C. §102.

CLAIM REJECTIONS UNDER 35 U.S.C. §103

II. Claims 8 and 21 Rejected Under 35 U.S.C. §103

Claims 8 and 21 are rejected under 35 U.S.C. §103 as unpatentable over Dolan in view of U.S. Patent No. 6,199,114 to Alegre et al. ("Alegre"). Claim 21 is an independent claim. Claim 8 depends on and incorporates all the patentable subject matter of independent claim 1. Applicants respectfully traverse this rejection and submit that Dolan in view of Alegre fails to teach or suggest each and every element recited in claims 8 and 21.

A. Independent Claim 21 Patentably Distinguished over Dolan in view of Alegre

To establish *prima facie* obviousness of a claimed invention, all the claim limitations must be taught or suggested by the prior art. Independent claim 21 is a method claim for facilitating the reauthentication of a client computer to a server computer. The method includes establishing a first communication session between a client computer and a server computer, receiving confidential information from the client computer, and creating an identifier by the server computer to identify the first communication session after receiving the confidential information. The method also includes encrypting the confidential information with a key to create encrypted confidential information, storing the encrypted confidential information and the identifier in a table in memory of the server computer, transmitting, by the server computer, the key and the identifier to the client computer, and deleting, by the server computer, the key from

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the memory of the server computer. Upon termination of the first communication session, a second communication session is established between the client computer and the server computer. The method further includes receiving from the client during the second communication session the identifier that identifies the first communication session and the key associated with the encrypted confidential information, and using the identifier to determine the location of the encrypted confidential information in the table. The server computer decrypts the encrypted confidential information using the key received from the client computer during the second communication session.

Dolan in view of Alegre does not teach or suggest encrypting confidential information received from a client with a key, storing the encrypted confidential information on the server computer, and deleting the key on the server computer. Instead of storing the message received by the client on the server and then deleting the key, Dolan deletes both the message and key from the server (see column 7, lines 1-11, Dolan). Dolan is directed towards providing a digital signature on a per message basis to assure the key was used only to sign the original message. As such, the server of Dolan assures the message and the key have both been erased after providing a digital signature (see column 7, lines 12-16, Dolan) instead of storing the message as in the claimed invention. Thus, Dolan fails to teach or suggest encrypting confidential information received from a client with a key, storing the encrypted confidential information on the server computer, and deleting the key on the server computer.

The Examiner cites Alegre merely to suggest one ordinarily skilled in the art might modify Dolan to use a time limit upon encrypted confidential information as recited in claim 8. As with Dolan, Alegre fails to teach or suggest encrypting confidential information received from a client with a key, storing the encrypted confidential information on the server computer,

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and deleting the key on the server computer. Rather, Alegre is directed towards providing a session key established for accessing a trusted network from a browser. Therefore, Dolan in view of Alegre fails to teach or suggest each and every element of the claimed invention.

Because Dolan in view of Alegre fails to teach or suggest each and every element of the claimed invention, Applicants submit independent claim 21 is patentable and in condition for allowance. Therefore, Applicants respectfully request the Examiner to reconsider and withdraw the rejection of claim 21 under 35 U.S.C. §103.

B. Dependent Claim 8 Patentably Distinguished over Dolan in view of Alegre

Dolan in view of Alegre fails to teach each and every feature of dependent claim 8. Claim 8 depends on and incorporates all the patentable subject matter of independent claim 1, which for at least the reasons discussed above Applicants submit is patentable and in condition for allowance. Thus, Dolan in view of Alegre fails to detract from the patentability of claim 8. Therefore, Applicants respectfully request the Examiner to reconsider and withdraw the rejection of claim 8 under 35 U.S.C. §103.

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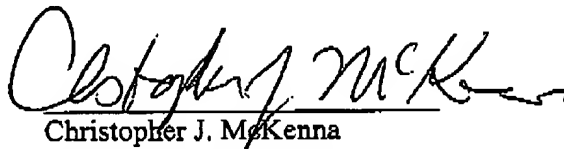
CONCLUSION

In light of the aforementioned arguments, Applicants contend that each of the Examiners' rejections has been adequately addressed and all of the pending claims are in condition for allowance. Accordingly, Applicants respectfully request reconsideration, withdrawal of all grounds of rejection, and allowance of all of the pending claims.

Should the Examiner feel that a telephone conference with Applicants' attorney would expedite prosecution of this application, the Examiner is urged to contact the Applicants' attorney at the telephone number identified below.

Respectfully submitted,

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